AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q93881

**Application No.: 10/573,026** 

**AMENDMENTS TO THE CLAIMS** 

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

Claim 1. (Currently Amended): A horn of the type comprising a blow tube and coaxial

pressure and acoustic chambers between which a vibrating strip is arranged, wherein said

vibrating strip consists of a plastic coated aluminum strip that is coaxial with the acoustic

chamber and fixed at its periphery to the a free edge of the a partition that forming forms the

enclosing or pressure chamber.

Claim 2. (Currently Amended): The horn according to claim 1, wherein the acoustic

chamber is partially formed by a cylindrical tube section that abuts the vibrating member; and

wherein the end of the cylindrical tube that abuts the vibrating member extends in an

axial direction beyond the opening-free edge of the partition of the pressure chamber-which to

which the vibrating strip is fixed to is notably drawn in with respect to free end of the cylindrical

tube forming the pressure chamber.

Claim 3. (Previously Presented): The horn according to claim 1, wherein the acoustic

chamber and the pressure chamber form a one-piece body in which a tubular and cylindrical area

configures the acoustic chamber, whereas a cap-shaped area configures the pressure chamber,

which envelopes the former and is coaxial with it.

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Claim 4. (Previously Presented): The horn according to claim 1, wherein the area of

the body forming the acoustic chamber, in its section opposite to the pressure chamber, adopts a

bell-mouthed configuration, in the manner of a trumpet, divergent towards its free end.

Claim 5. (Previously Presented): The horn according to claim 1, wherein the vibrating

strip is fixed to the free edge of the partition forming the pressure chamber by means of

ultrasonic welding.

Claim 6. (Previously Presented): The horn according to claim 1, wherein the vibrating

strip is fixed to the free edge of the partition forming the pressure chamber by means of heat

sealing.

Claim 7. (Previously Presented): The horn according to claim 1, wherein the opening

of the partition forming the pressure chamber has at least part of the surface of its edge grooved

so as to favor the attachment of the vibrating strip.

Claim 8. (Previously Presented): The horn according to claim 1, wherein the opening

of the partition forming the pressure chamber has an extension of the partition of the pressure

chamber in its outer area, said extension being bent over the vibrating membrane once it has

been fixed to the horn body.

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Claim 9. (Previously Presented): The horn according to claim 1, wherein collaborating

with it is an also tubular auxiliary T-shaped part connected to the blow tubes such that it

removably and non-removably couples two horns together, leaving a common outlet free.

Claim 10. (Previously Presented): The horn according to claim 9, wherein the common

outlet of the T-shaped auxiliary part has at least one hole in the manner of a flute.

Claim 11. (Previously Presented): The horn according to claim 3, wherein the cap is

semi-spherical.

Claim 12. (Previously Presented): The horn according to claim 3, wherein the cap is

semi-ellipsoidal.

Claim 13. (Previously Presented): The horn according to claim 1, wherein it has a

small loop, ring or the like.

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